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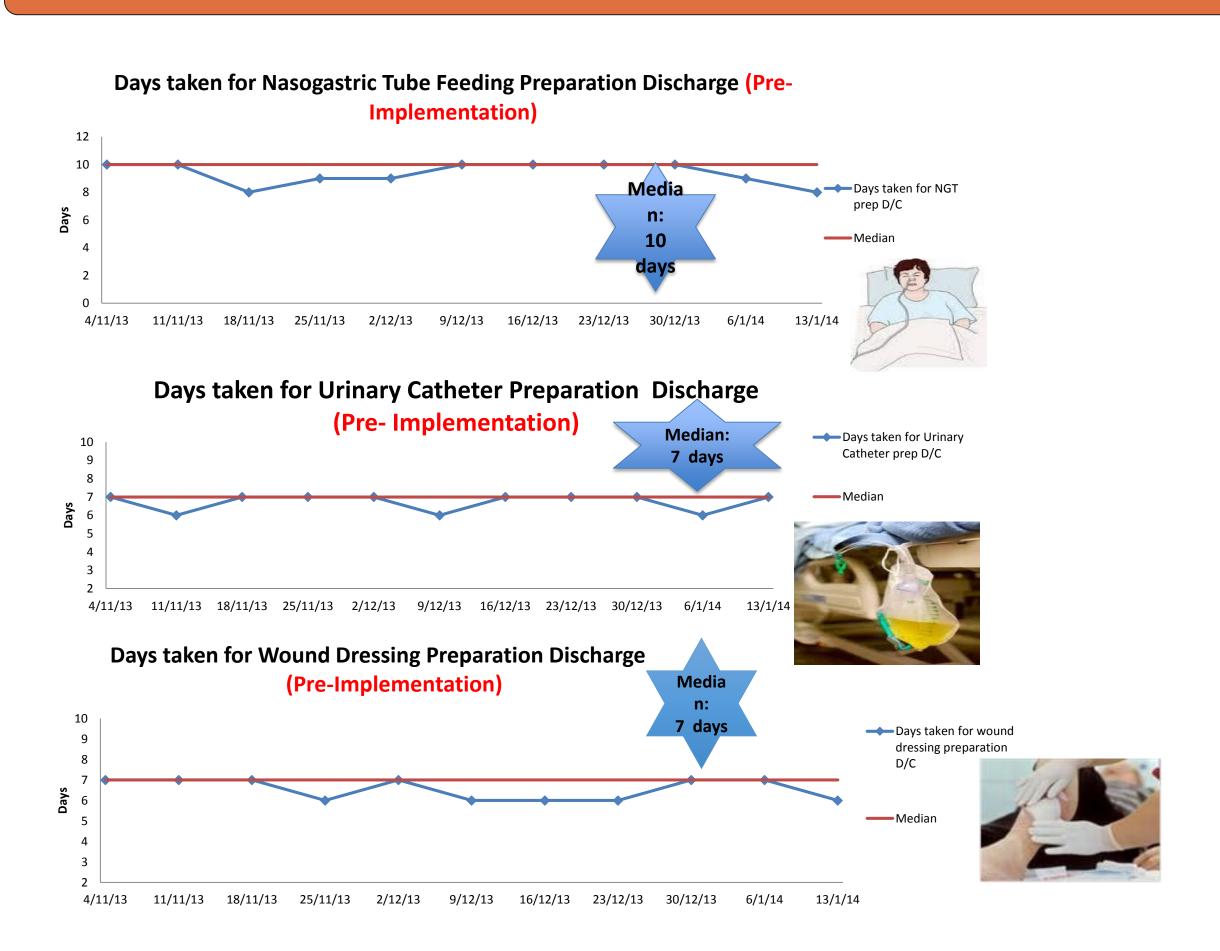
Home Sweet Home

"To reduce the number of days required to prepare for a patient's complex discharge (i.e. patients on nasogastric tube, indwelling catheter, and wound care) by 20% in Ward 73 within 6 months."

1) INTRODUCTION

- ➤ Ward 73 is an acute medical ward.
- ➤ 20% of our patients are elderly and requires Nasogastric Feeding Tube (NGT) or Indwelling Urinary Catheter or Wound Care.
- ➤ Patients, caregivers, healthcare team are stressed with the <u>complex</u> <u>discharge</u> which require preparation and caregiver training.
- ➤ Delayed in caregiver training and preparation leads to increase of length of hospitalization stay

2) PRE-IMPLEMENTATION DATA

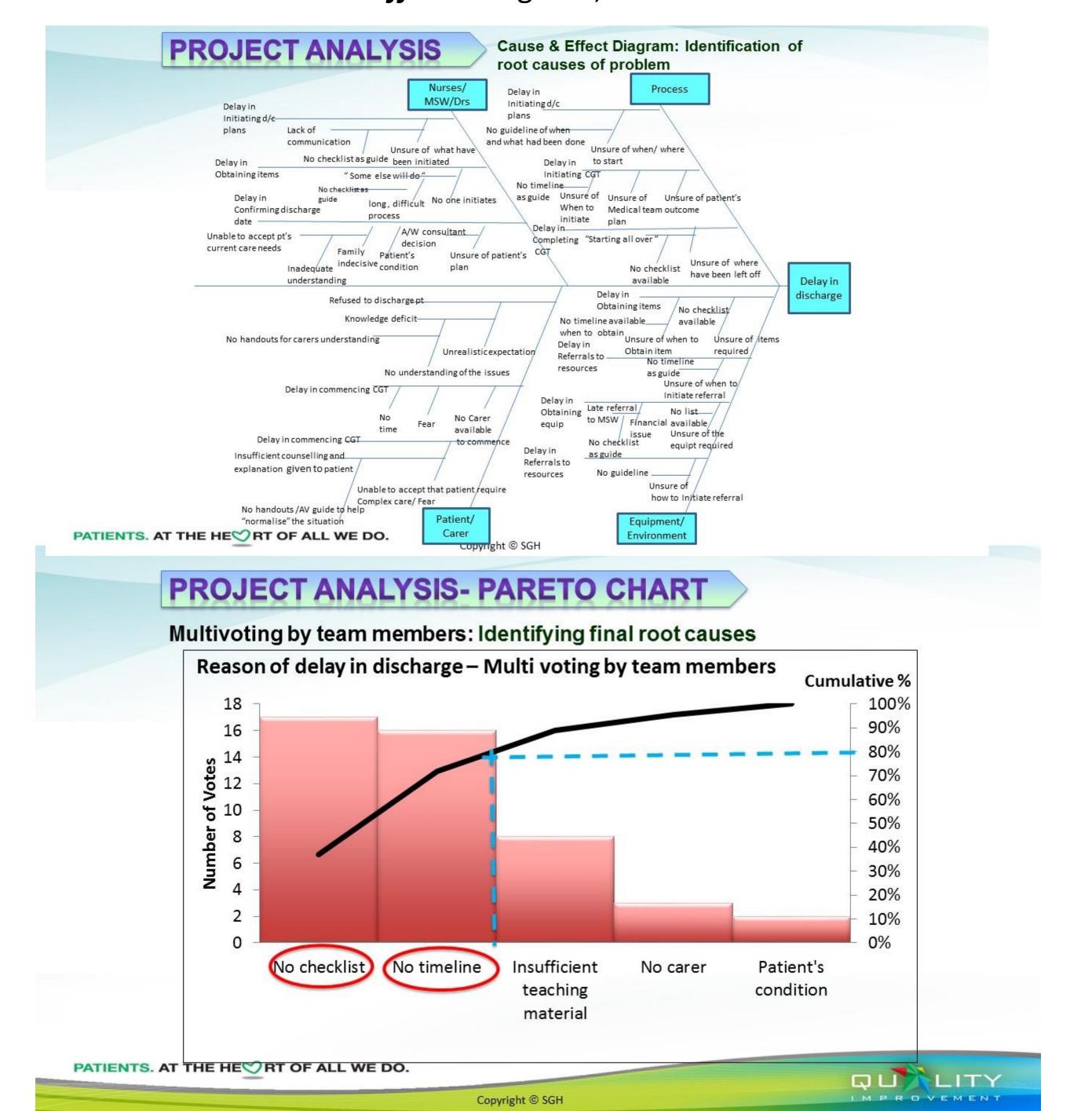


3) MISSION STATEMENT

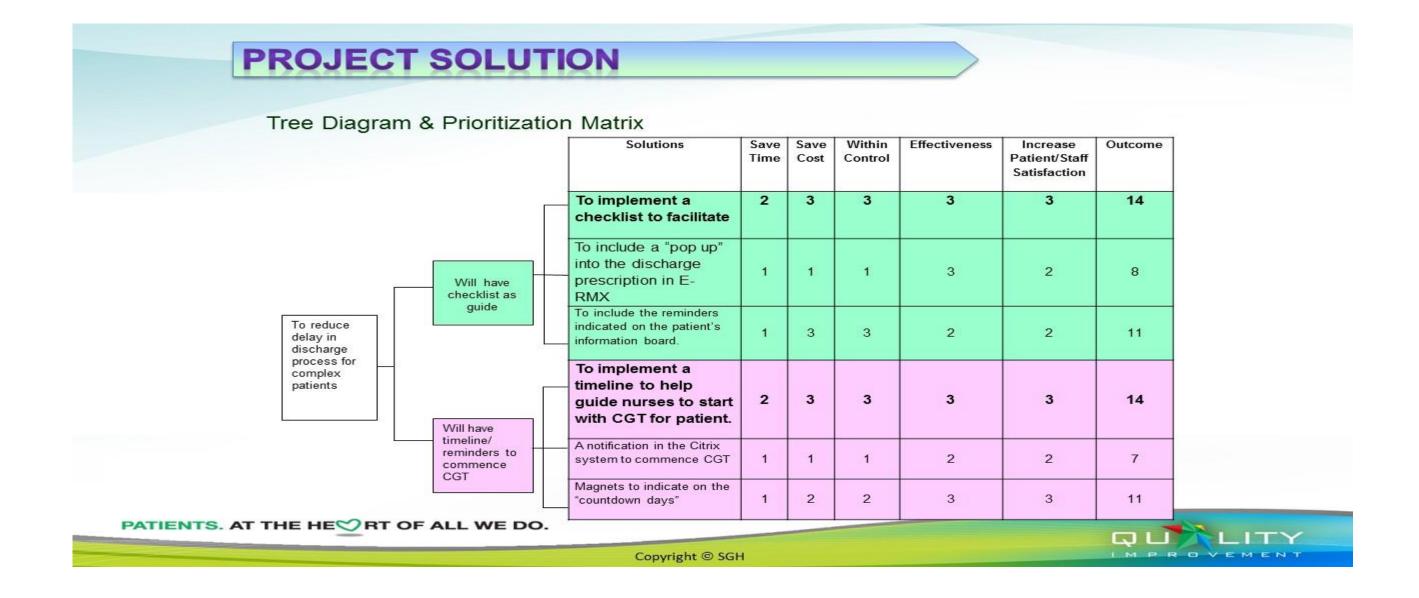
To reduce the number of days required to prepare for a patient's complex discharge (i.e. patients on nasogastric tube, indwelling catheter and wound care) by 20% in Ward 73 within 6 months.

4) METHODOLOGY- ROOT CAUSE ANALYSIS

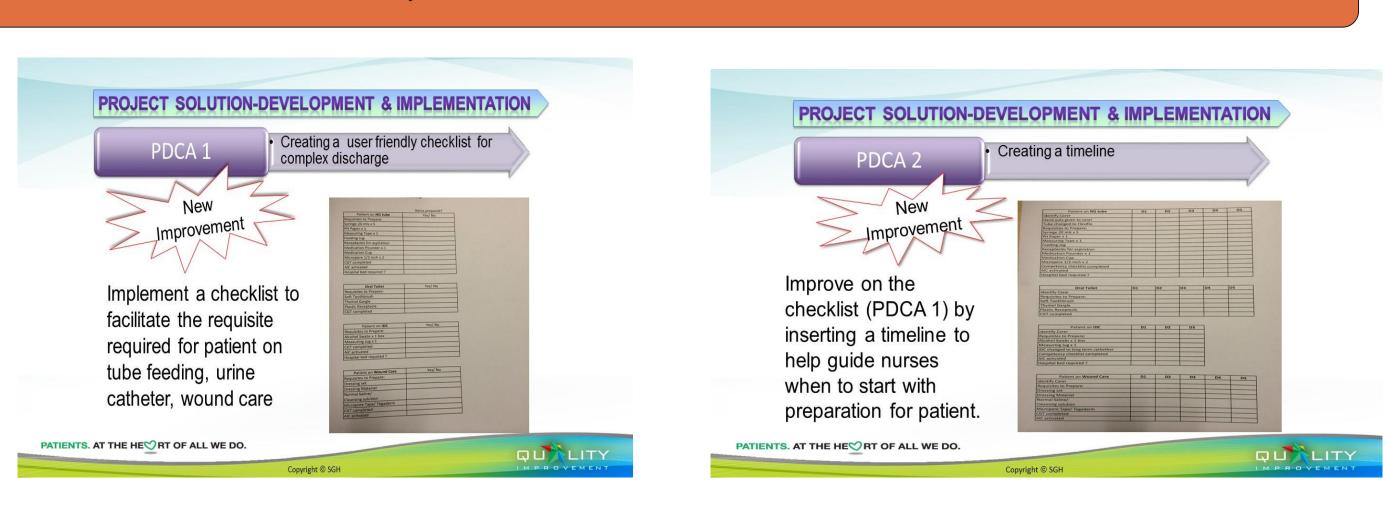
Team used *Cause and Effects* Diagram , *Multi-voted* and then used a *Pareto* Chart.



5) METHODOLOGY- SOLUTION GENERATION



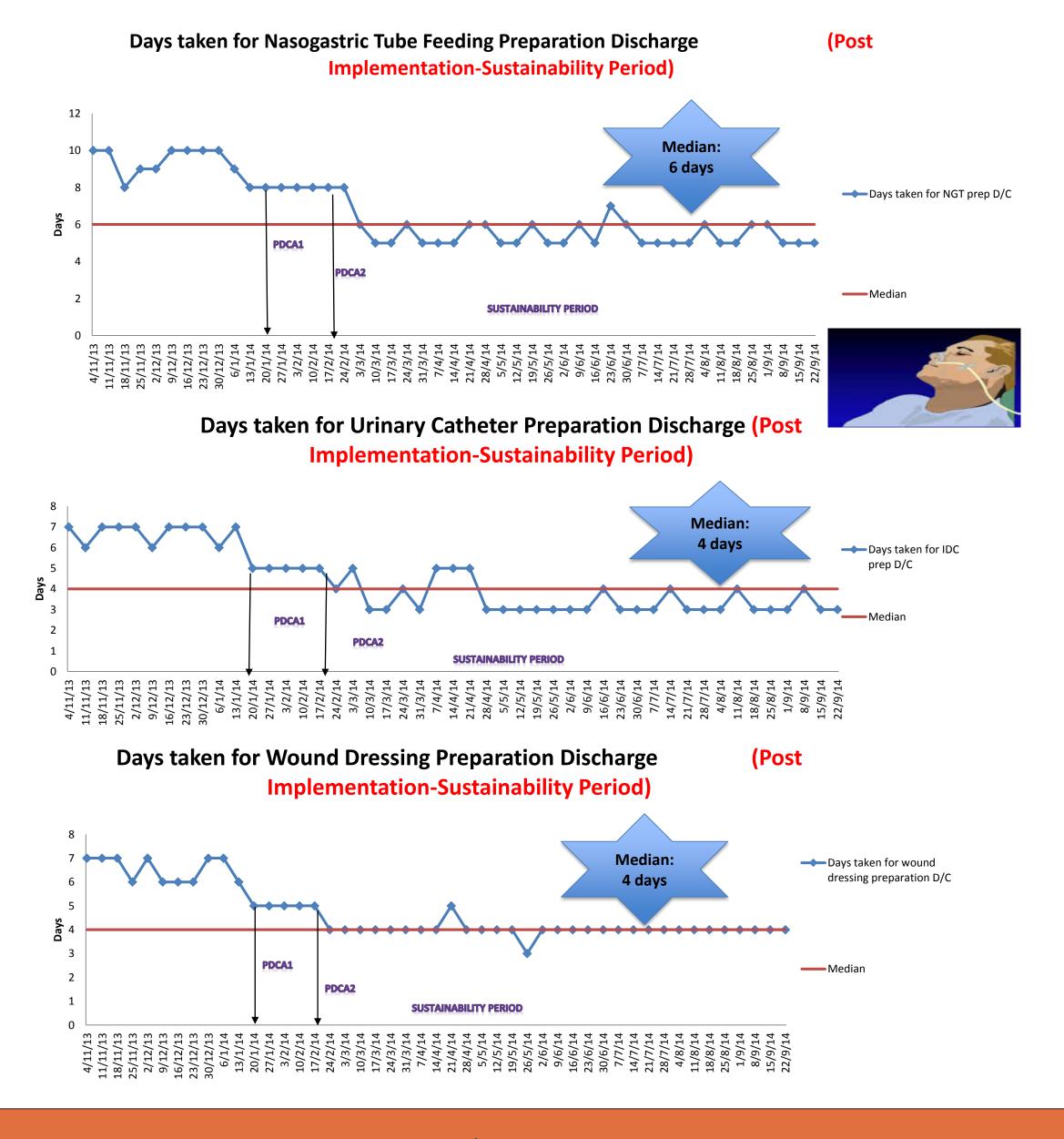
6) SOLUTION IMPLEMENTATION



7) RESULTS ACHIEVED- COST SAVING

	Pre- Implementation	Post PDCA 1	Post PDCA 2	Cost saving for patient on nasogastric tube feeding	s Cost saving for patients on indwelling urinary catheter	Cost saving for patient on wound care
				Based on B2 class bed charges (for Singaporeans)	Based on B2 class bed charges (for Singaporeans) \$64/ day/ patient	Based on B2 class bed charges (for Singaporeans) \$64/day/ patient
Complex discharges	10 days 🔔	8 days	5 7	\$ 64/ day/ patient Pre- implementation days	Pre-implementation days	Pre- implementation days required: 7 days
on feeding	10 days	o days	days	required: 10 days \$64 X 10=\$640	\$64 X 7= \$ 448	\$64 X 7= \$448
tubes			^	Post implementation days	Post implementation days required: 3 days	Post implementation days required: 4 days
Complex	-		\sum_{3}	required: 5 days \$64 x 5= \$320	\$64 x 3= \$ 192	\$64 x 4= \$256
discharge on urine catheter	7 days	5 days	→ days	Savings: \$640-\$320=\$320	Savings:\$448-\$192=\$256/ patient	Savings: \$448-\$256= \$192/ patient
Complex			. 547	patient Total reduction in % 50%	Total reduction in % 43%	Total reduction in % 57%
discharge on	7 days	5 days	days	5/10X 100= 50 %	3/7 X 100=43%	4// × 100-3//6

8) POST IMPLEMENTATION AND SUSTAINABIILITY RUN CHART



9) CONCLUSION

The team are happy that we have surpassed the target set. Most importantly, The project's initiatives have significantly reduced the number of days required to prepare for a complex discharge and ultimately improved patients' safety and satisfaction. Staff involved in the discharge process also verbalised happiness in improved processes.